College Road Primary School and White Rose Maths Progression in Measure - Weight, Length, Capacity and Temperature

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Compare, describe and solve practical problems for: ➢ lengths and heights ➢ mass/weight ➢ capacity and volume Measure and begin to record the following: ➢ lengths and heights ➢ mass/weight ➢ capacity and volume	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =	Measure, compare, add and subtract: ➢ lengths (m/cm/mm) ➢ mass (kg/g) ➢ volume/capacity (l/ml)	Convert between different units of measure [for example, kilometre to metre Estimate, compare and calculate different measures	Convert between different units of metric measure Understand and use approximate equivalences between metric units and common imperial units such as inches, and pints Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places Convert between miles and kilometres

Autumn						Block 5 Week 12
Spring	Block 4 Week 9 – 10 Block 5 Week 11 - 12	Block 3 Week 8 - 9 Block 4 Week 10 - 12	Block 2 Week 4 – 6 Block 4 Week 10 – 12	Block 2 Week 4 - 5	Block 4 Week 9-10	Block 5 Week 9 - 10
Summer					Block 5 Week 10 – 11 Block 6 Week 12	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Small Steps Autumn						1. Metric measures 2. Convert metric measures 3. Calculate with metric measures 4. Miles and kilometres Imperial measure

Small Steps Spring	1. Compare lengths and heights 2. Measure length using objects 3. Measure length in centimetre 1. Heavier and lighter 2. Measure mass 3. Compare mass 4. Full and empty 5. Compare volume 6. Measure capacity 7. Compare capacity	1. Measure in centimetres 2. Measure in metres 3. Compare lengths and heights 4. Order lengths and heights 5. Four operations with lengths and height 1. Compare mass 2. Measure in grams 3. Measure in kilograms 4. Four operations with mass 5. Compare volume and capacity 6. Measure in millilitres 7. Measure in litres 8. Four operations with volume and capacity 9. Temperature	1. Measure in metres and centimetres 2. Measure in millimetres 3. Measure in centimetres and millimetres 4. Metres, centimetres and millimetres 5. Equivalent lengths (metres and centimetres) 6. Equivalent lengths (centimetres and millimetres) 7. Compare lengths 8. Add lengths 9. Subtract lengths 10. What is perimeter? 11. Measure perimeter 12. Calculate perimeter 1. Use scales 2. Measure mass in grams 3. Measure mass in kilograms and grams 4. Equivalent masses (kilograms and grams) 5. Compare mass 6. Add and subtract mass 7. Measure capacity and volume in millilitres 8. Measure capacity and volume in litres and millilitres	1. Measure in kilometres and metres 2. Equivalent lengths (kilometres and metres) 3. Perimeter on a grid 4. Perimeter of a rectangle 5. Perimeter of rectilinear shapes 6. Find missing lengths in rectilinear shapes 7. Calculate the perimeter of rectilinear shapes 8. Perimeter of regular polygons 9. Perimeter of polygons	1. Perimeter of rectangles 2. Perimeter of rectilinear shapes 3. Perimeter of polygons 4. Area of rectangles 5. Area of compound shapes 6. Estimate area	1. Shapes – same area 2. Area and perimeter 3. Area of a triangle – counting squares 4. Area of a right-angled triangle 5. Area of any triangle 6. Area of a parallelogram 7. Volume – counting cubes 8. Volume of a cuboid

			9. Equivalent capacities and volumes (litres and millilitres) 10. Compare capacity and volume 11. Add and subtract capacity and volume			
Small Steps Summer					1. Kilograms and kilometres 2. Millimetres and millilitres 3. Convert units of length 4. Convert between metric and imperial units 5. Convert units of time 6. Calculate with timetables 1. Cubic centimetres 2. Compare volume 3. Estimate volume 4. Estimate capacity	